Canon
Delighting You Always

imageCLASS LBP6230dn

Product Launch Information

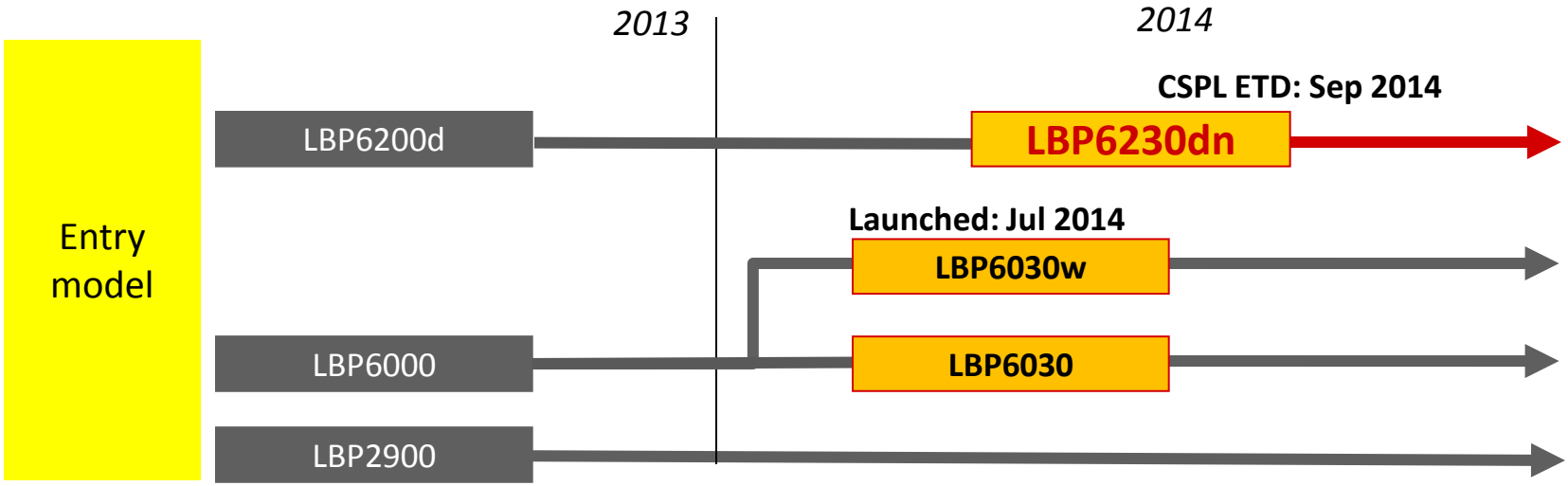
imageCLASS
LBP6230dn

Roadmap & Positioning

Canon
Delighting You Always

Release/Replacement Schedule

Monochrome Laser SFP roadmap



Target Market / Estimated Usage environment

- Small Office, Home Office, Government
- One to one connection, shared by up to 10 users
- Recommended monthly print volume: 250-1,000 pages

Key Product Highlights

Canon
Delighting You Always

Compact Monochrome Duplex Printer with Network

imageCLASS
LBP6230dn

KEY PRODUCT HIGHLIGHTS

- Print Speed Up to 25 ppm (A4)
- Print Resolution: 600x600dpi; **1200 x 1200dpi (equivalent)** 2400 (equivalent) x 600dpi
- Auto-duplex
- **FPOT: 6 secs**
- 250-sheets paper tray
- 1-sheet manual feed slot
- **Print Language: UFR II LT**
- **64 MB RAM**
- USB 2.0 HS**, Wired LAN (10/100 Base TX Ethernet)**
- **Canon Mobile Printing**
- Sleep Mode
- **Auto Power Off**
- TEC : 0.7kWh/week
- All-in-one Cartridge 326 (2,100 pages)

Introduction

Overview

LASER SHOT
LBP6200d

imageCLASS
LBP6230dn

- Compact design
- White body with Coal Gray Lite top
- 2 Operations Key (Paper, Job cancellation)
- 4 LED (Power, Error, Job, Paper)
- 1 Power button

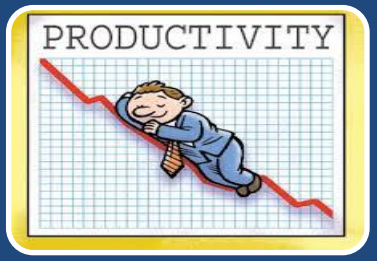
Comparison LBP6200d vs LBP6230dn

Canon
Delighting You Always

	Canon	Canon
Model	**LBP6200d**	**LBP6230dn**
Product Image		
Print Speed (A4) - simplex	25ppm	25ppm
Print Speed (A4) - duplex	7.7spm	7.7spm
Print Resolution	600 x 600dpi 2400 (equivalent) x 600dpi	600 x 600dpi 1200 x 1200dpi (equivalent) 2400 (equivalent) x 600dpi
FPOT	6 secs or less	6 secs or less
Warm-up Time	10 secs or less	10 secs or less
Recovery Time	0.5 secs or less	0.5 secs or less
Device Memory	8MB	64MB
Standard Cassette Capacity	250-sheets	250-sheets
Multi-Purpose Tray Capacity	1-sheet	1-sheet
Print Language	CAPT 3.0	UFR II LT
Interface	USB 2.0 HS	USB 2.0 HS, 10 Base T/100 Base Tx
Mobile Printing	-	Canon Mobile Printing
Power Consumption (Standby)	1.6W	Approx 1.4W
Power Consumption (Sleep)	1.4W	Approx 0.9W
Typical Electricity Consumption	0.7kWh/ week	0.7kWh/ week
Toner Yield	Cart 326: 2,100 pages (standard) 900 pages (bundled)	Cart 326: 2,100 pages (standard) 900 pages (bundled)
Monthly Duty Cycle	8,000 pages	8,000 pages

Canon
Delighting You Always

Key benefits of LBP6230dn



Increase productivity!

- **Printing**: Quick recovery, fast FPOT, auto duplex
- **Mobile Printing enabled:** Canon Mobile Printing on iOS & Android
- **Network ready:** wired LAN ethernet

Saves cost & energy!

- **Superb low power consumption:** TEC of 0.7kWh/ week
- **Power saving features:** Sleep mode & Auto shutdown
- **Cost savings:** Auto Duplex Printing
- **No need for memory device upgrades**

Enhanced features! (useful for spec-in)

- **Higher device memory**: 64MB
- **High print resolution:** 1200 x 1200 dpi (equivalent)
- **Remote UI, display alert for end of toner**

Product Features

Canon
Delighting You Always

Print Speed

The LBP6230dn is an A4 Single Function Printer featuring an in-line print engine with print speed of **25ppm (A4)** in Monochrome; highly competitive to other competitor monochrome laser SFPs in the same class.

Auto Duplex Printing

Built with automatic double-sided printing, with an A4 duplex print speed of **up to 7.7 sheets-per-minute (spm)**, the LBP6230dn increases productivity for high volume printing and help users save money on paper.

Product Features

Quick Warm-up time & Quick First Print

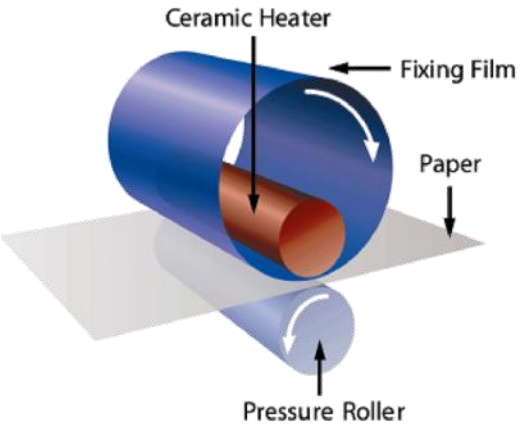
LBP6230dn has a Quick Warm-up time, enabling the printer to go from power off to Standby in less than **10 seconds**.

Furthermore, it takes only **6 seconds** to get the first page printed out from the moment the print command is initiated by the user.

On-Demand Fixing Technology

The LBP6230dn uses Canon's proprietary technology of On-Demand Fixing. This enables the fusing system to consume less power and warm up quickly compared to the conventional fusing roller designs, without affecting product's performance.

On-Demand Fixing is achieved by utilizing a durable film medium and a highly efficient ceramic heater, which serve to "fix" toner onto paper through heat transfer. The ceramic heater is activated only when paper passes through the fixing mechanism.

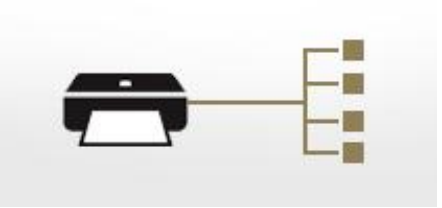


Product Features

Canon
Delighting You Always

NEW! Network Ready

LBP6230dn is equipped with support for wired 10 Base T/100 Base TX Ethernet that allow multiple users on an existing network to share the printer.



NEW! Canon Mobile Printing

Print images, pictures, microsoft office files, pdf files and web pages from your mobile terminals.

The compatible printer must be connected to the same network as the iOS or Android device*.

Download on the App Store

GET IT ON Google play

•Supported function may differ on iOS or Android device, due to limitation of the native Operating System.

For details, visit www.canon-asia.com/officemobileprinting

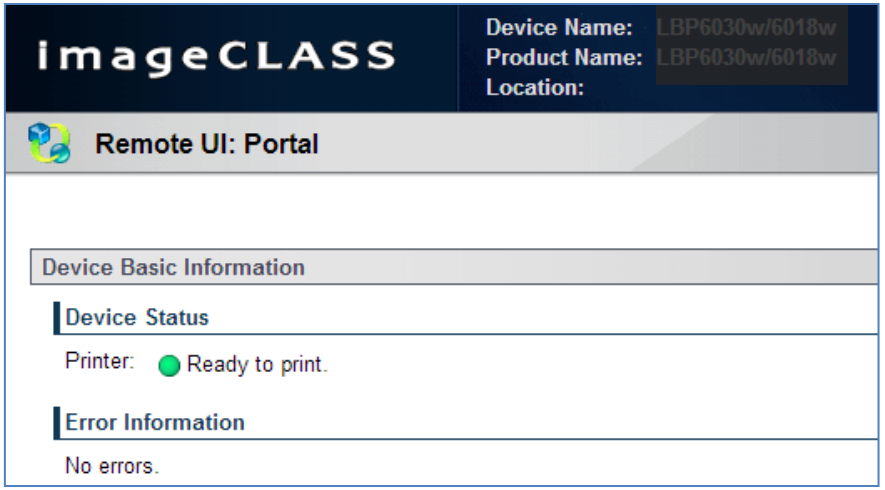
Product Features

Canon
Delighting You Always

NEW ! Remote UI

With Remote UI, use a web browser to :

-operate the LBP6230dn remotely
-monitor the printer status
-check error information
-view page counter

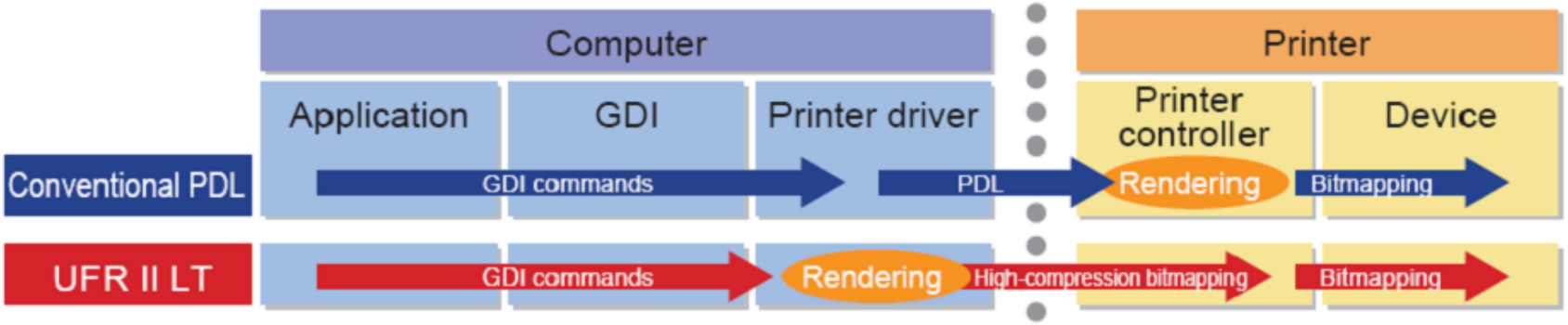


Product Features

Canon
Delighting You Always

NEW! Page Description Language (PDL) : UFR II LT

UFR II LT technology utilizes PCs to assume the task of image rendering. Rendered images are then sent as high-compression bitmap data to print to the device. This makes it possible to establish a cost-effective printing environment, as the device can take full advantage of PCs' constantly evolving processing speeds and operating system performance.



Product Features

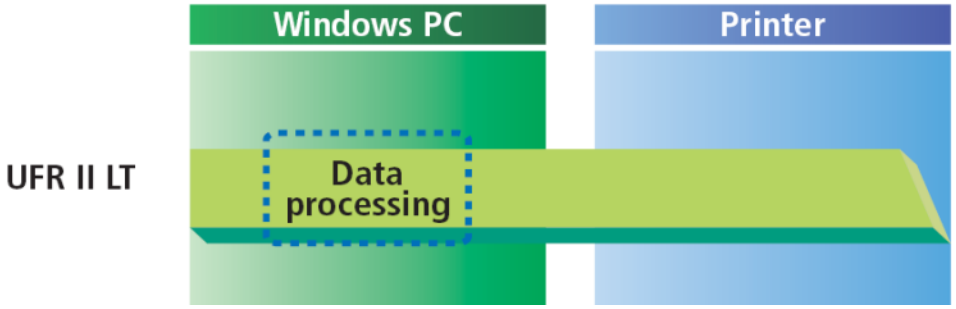
Canon
Delighting You Always

Key differences between CAPT & UFR II LT

	CAPT	UFR II LT
RIP	Type: CAPT Method: **Bi-Directional Communication** Recommended connect up to 25 users	**Type: UFR II LT** **Method: Uni-Directional Communication**
Page buffer memory	In Host PC	In Printer
Real-time data processing	Required	Not Required

Key advantages of UFR II LT:

- Utilizes PC to process image rendering
- No need for print memory device upgrades

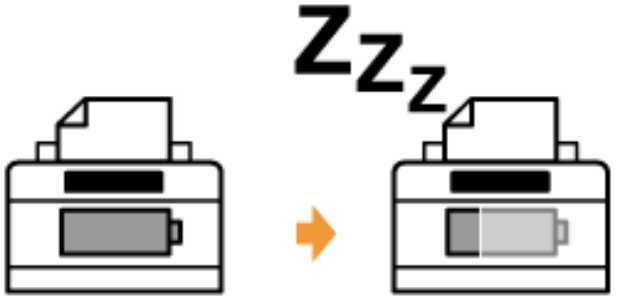


Product Features

Energy Saving (Sleep Mode)

The LBP6230dn can be configured to enter a sleep mode when the printer is not doing any activity. This helps to reduce the power consumption by the unit, therefore saving electricity cost.

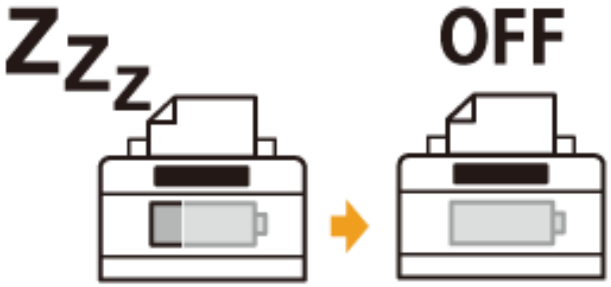
Default setting is 1 minute.



NEW! Energy Saving (Auto Shutdown)

The device may still consume some electricity when it is not completely turned off. To further reduce electrical consumption when the printer is not in use, LBP6230dn can also be configured for an automatic shutdown after a specified time (since the machine enter sleep mode)

Auto Shutdown mode is turned off by default settings. Configurations are required to turn on Auto Shutdown.



Product Features

Canon
Delighting You Always

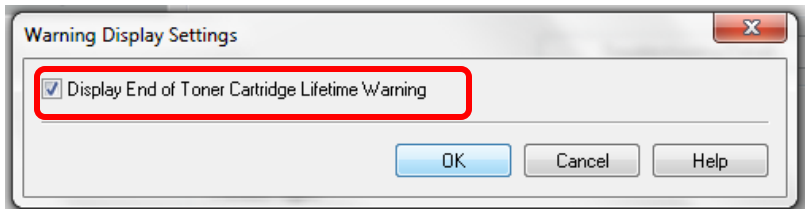
Quiet Mode

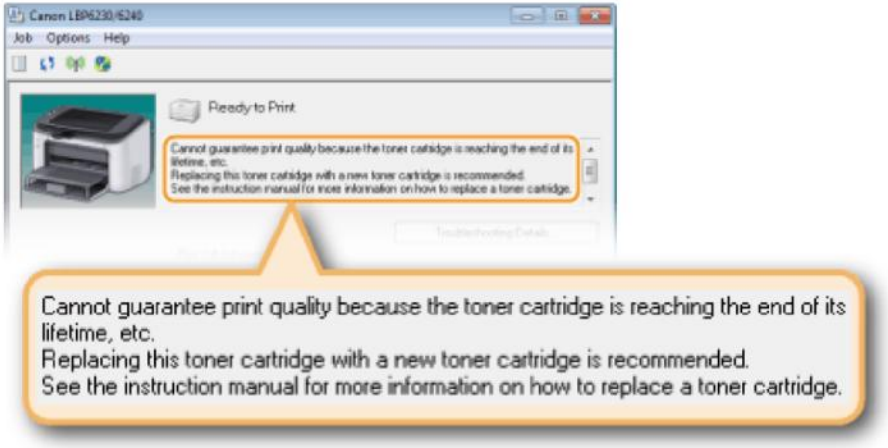
Reduce the noise of printing using the **Quiet mode**. Setting is made in the 'Printer Status Window'.
Note: Print speed drops in this mode.

Quiet mode can be set as:
•Always print in quiet mode OR
•Print in quiet mode only for specific print jobs

NEW! Display Alert for End of Toner Cartridge

User can set display alert for when toner cartridge is fast reaching the end of its lifetime or some other reason.




Job Options Help
Ready to Print
Cannot guarantee print quality because the toner cartridge is reaching the end of its lifetime, etc.
Replacing this toner cartridge with a new toner cartridge is recommended.
See the instruction manual for more information on how to replace a toner cartridge.

Product Features

Canon
Delighting You Always

All-In-One Toner Cartridge 326

The Canon all-in-one toner cartridge features high-precision mechanical components carefully assembled to ensure performance reliability and consistency, combining the toner reservoir, photosensitive drum, and waste toner container in a compact unit.

- Cartridge 326 : Average Cartridge Yield 2,100 pages
- Bundled Cartridge : Average Cartridge Yield 900 pages

**** Declared yield in accordance with ISO/IEC 19752***

Canon MS Toner aids in melting-point and imaging performance

- Magnetic particles dispersed within the spherical Canon MS-Toner particles improves melting performance
- Also enhances On-Demand Fusing technology through the use of less heat and pressure.

Main Packaging Contents

LBP6230dn (Product code: 9143B004AA)

- Main Unit
- Power Cord
- USB Cable
- Bundled Cartridge 326 (Yield: 900 pages)
- User Software CD-ROM
- Starter Guide

Supplies/ Accessories

- Cartridge 326 – 3483B003AA

LBP6230dn Specifications (1/4)

Canon
Delighting You Always

Print Specifications	
Printing Method	Monochrome Laser Beam Printing
Print Speed (Simplex)	A4: Up to 25ppm; Letter: Up to 26ppm
Print Speed (Duplex)	A4: Up to 7.7spm (sheets per minute); Letter: Up to 8spm
Print Resolution	600 x 600 dpi
Print Quality with Image Refinement Quality	1200 x 1200dpi (equivalent) 2400 (equivalent) x600 dpi
Warm up Time (From Power On)	10 secs or less
First Printout Time (FPOT)	Approx. 6 secs
Recovery Time (From Sleep Mode)	Approx. 0.5 sec
Print Language	UFR II LT
Paper Handling Specifications	
Paper Input (Standard)	250 sheets (based on 80g/m^2)
Multi-Purpose Tray	1 sheet (based on 80g/m^2)
Paper Output	100 sheets (face down) (based on 80g/m^2)
Paper Sizes (Standard)	A4, B5, A5, Legal*[1], Letter, Executive, 16K, Envelope COM10, Envelope Monarch, Envelope C5, Envelope DL Custom (Width: 76.2 - 216mm x Length 187 - 356mm)
Paper Sizes (Multi-Purpose Tray)	A4, B5, A5, Legal*[1], Letter, Executive, 16K, Envelope COM10, Envelope Monarch, Envelope C5, Envelope DL/ Index card Custom (Width: 76.2 - 216mm x Length 127 - 356mm)
Paper Weight (Standard)	60 to 163g/m^2
Paper Weight (Multi-Purpose Tray)	60 to 163g/m^2
Paper Types	Plain paper, Heavy Paper, Transparency, Label, Envelope, Index card
Duplex Printing	A4, Letter, Legal*[1] (60～105g/m^2)

LBP6230dn Specifications (2/4)

Canon
Delighting You Always

Connectivity & Software	
USB Interface	USB 2.0 High Speed
Network Interface	10 Base T/100 Base Tx
Network Protocol	Print: LPD, RAW, WSD-Print Management: SNMPv1, SNMPv3, SLP TCP/IP Application Services: WINS (IPv4), DHCP, BOOTP, RARP, DHCPv6 (IPv6), Auto IP, mDNS, DNS, DDNS
Network Security	IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x
Mobile Print	Canon Mobile Printing
Compatible Operating Systems(*2)	Win 8.1(32/64bit), Win 8(32/64bit), Windows 7(32/64-bit), Windows Vista(32/64-bit), Windows XP(32/64-bit), Windows Server 2012 (32/64bit), Windows Server 2012 R2 (64 bit), Windows Server 2008(32/64-bit), Windows Server 2008 R2(64-bit), Windows Server 2003 (32/64bit), Mac OS 10.6.x~10.9 (*3), Linux (*3), Citrix (FR2 and later)

LBP6230dn Specifications (3/4)

Canon
Delighting You Always

General Specifications	
Operation Panel	4 LED indicators, 3 operation keys
Device Memory	64MB
Dimensions (W x D x H)	379 x 293 x 243 mm
Weight	Approx. 7.0kg
Noise Levels (*4)	During Operation: Sound Power Level: 6.77B or less Sound Pressure Level: Approx. 52 dB During Standby: Sound Power Level: Inaudible (*5) Sound Pressure Level: Inaudible (*5)
Maximum Power Consumption	1100 W or less
Average Power Consumption (During Operation)	Approx. 420W
Average Power Consumption (During Standby)	Approx. 1.4W
Average Power Consumption (During Sleep)	Approx. 0.9 W
Energy Star TEC (Typical Electricity Consumption)	0.7kWh/week
Operating Environment	Temperature: 10 to 30°C Humidity: 20% to 80% RH (no condensation)
Power Requirement	220-240V(±10%), 50/60Hz(±2Hz)
Toner Cartridge(*6)	Cartridge 326: 2,100 pages (Bundled Cartridge: 900 pages)
Monthly Duty Cycle(*7)	Up to 8,000 pages

LBP6230dn Specifications (4/4)

Canon
Delighting You Always

*1 Legal refers to paper measuring 215.9 x 55.6mm (8.5 x 14 inches)
*2 Check www.canon-asia.com for the latest printer driver.
*3 The latest drivers for Mac OS and Linux can be downloaded from www.canon-asia.com when available
*4 Tested in accordance to ISO 7779 and declared per ISO 9296
*5 "Inaudible" means each sound pressure level at bystander's position is less than ISO 7779 absolute criteria for background noise level
*6 Toner cartridge yield is in accordance with ISO/IEC 19752
*7 Monthly Duty Cycle value provides a means of comparison for product robustness in relation to other Canon laser devices, and does not refer to actual maximum image output per month